

XP-002103379

- 1/1 - (C) WPI / DERWENT
AN - 93-262227 933!
AP - JP910360043 911226
PR - JP910360043 911226
TI - Gasket with good sealing performance - has silicon-based coating layer provided through surface layer of non-asbestos fibre, non-silicon-based rubber, silicon-modified polymer and filler
IW - GASKET SEAL PERFORMANCE SILICON BASED COATING LAYER THROUGH SURFACE LAYER NON ASBESTOS FIBRE NON SILICON BASED RUBBER SILICON MODIFIED POLYMER FILL
PA - (NIRE-N) NIPPON REINZ CO LTD
PN - JP5180344 A 930720 DW9333 F16J15/12 006pp
ORD - 1993-07-20
IC - F16J15/12
FS - CPI;GMPI
DC - A26 A82 A88 G02 Q65
AB - J05180344 A silicon-based coating layer is provided through a surface layer on part or the whole surface of a gasket main layer. The surface layer comprises non-asbestos-based fibre, a non-silicon-based rubber, a silicon modified polymer and a filler.
- The non-asbestos-based fibre comprises organic fibre or non-asbestos-based inorganic fibre. The organic fibre comprises aromatic polyamide fibre, phenol resin fibre, fluororesin fibre, aromatic polyester fibre, aromatic polyimide fibre, aromatic polybenzimidazole fibre, cellulose fibre, or carbon fibre. The non-asbestos-based inorganic fibre comprises silica fibre, zirconia fibre, rock wool, alumina fibre, alumina silicate fibre, phosphate fibre, sepiolite fibre, gypsum fibre, potassium titanate fibre, glass fibre, or metal fibre. The non-silicon-based rubber comprises natural rubber, styrene butadiene rubber, acrylonitrile butadiene rubber, acryl rubber, chloroprene rubber, fluorine rubber, epichlorohydrin rubber, chlorosulphonated polyethylene rubber, chlorinated polyethylene rubber, ethylene propylene rubber, or ethylene propylene diene rubber. The filler comprises talc, clay, calcium carbonate, barium sulphate, mica, silica, carbon black, alumina, vermiculite, activated clay or acid clay. The silicon modified polymer comprises polyolefin modified silicon elastomer, or silicon modified acryl-based polymer.
- USE/ADVANTAGE - The surface layer has sealing performance. The gasket main layer is firmly fixed to the silicon-based coating layer, eliminating the need of a primer layer. The compsns. for forming the surface layer was superior rolling property, continuously retaining good sealing performance. The gasket is produced with superior efficiency. (Dwg.0/1)